

**TABLE 2**  
**EXAMPLE SUMMARY TABLE - SURFACE WATER**  
**MONITORING KNOLLS LANDFILL SUPERFUND SITE**  
**CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-34 (120314) 20025732 12/03/2014 SW-34	SW-SW-35 (120514) 20025782 12/05/2014 SW-35	SW-SW-36 (120514) 20025782 12/05/2014 SW-36	SW-SW-37 (120514) 20025782 12/05/2014 SW-37	SW-DUP2-120514 20025782 12/04/2014 SW-38	SW-SW-38 (120414) 20025816 12/08/2014 SW-39	SW-SW-39 (120814) 20025732 12/03/2014 SW-40	SW-SW-40 (120314) 20025782 12/04/2014 SW-41	SW-SW-41 (120414) 20025732 12/03/2014 SW-42	SW-SW-42 (120314)
Volatile Organic Compounds												
1,1,1-Trichloroethane	120	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2,2-Tetrachloroethane	4.7	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1,2-Trichloroethane	13	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,1-Dichloroethene	4.7	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,3-Trichlorobenzene	NS	ug/L	0.12 JB	0.11 JB	0.14 JB	0.16 JB	5.0 U	5.0 U	5.0 U	0.16 JB	5.0 U	0.093 JB
1,2,4-Trichlorobenzene	21	ug/L	0.11 JB	0.045 JB	0.13 JB	0.17 JB	5.0 U	5.0 U	5.0 U	0.14 JB	1.5 JB	0.090 JB
1,2-Dibromo-3-chloropropane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dibromoethane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	2000	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloroethane	0.29	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichloropropane	0.5	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	2200	ug/L	0.059 JB	0.056 JB	0.082 JB	0.076 JB	5.0 U	5.0 U	5.0 U	0.081 JB	1.0 JB	5.0 U
1,4-Dichlorobenzene	550	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.3 J	5.0 U
1,4-Dioxane	NS	ug/L	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
2-Butanone	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	NS	ug/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	NS	ug/L	3.0 J	10 U	3.2 J	10 U	2.1 J	10 U	6.2 J	11	8.4 J	2.9 J
Benzene	0.15	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	0.55	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	4.3	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	47	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	NS	ug/L	0.15 JB	0.13 JB	0.29 JB	0.21 JB	5.0 U	5.0 U	0.17 JB	0.15 JB	0.084 JB	0.17 JB
Carbon Tetrachloride	0.33	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	210	ug/L	5.0 U	5.0 U	5.0 U	0.052 JB	5.0 U	5.0 U	5.0 U	5.0 U	18	2.9 J
Chloroethane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	68	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	590	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	7.2	5.0 U
cis-1,3-Dichloropropene	0.34	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	0.4	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	NS	ug/L	74	0.34 JB	0.38 JB	0.91 JB	5.0 U	5.0 U	5.0 U	0.68 J	5.0 U	0.61 J
Ethylbenzene	530	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 J	0.30 J
Isopropylbenzene	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
m,p-Xylene	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.55 J	0.73 J
Methyl Acetate	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-Butyl Ether	70	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	2.5	ug/L	1.0 JB	1.1 JB	1.1 JB	1.0 JB	1.0 JB	0.98 JB	1.0 JB	1.0 JB	1.4 JB	1.2 JB
o-Xylene	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.4 J	0.58 J
Styrene	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.34	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Toluene	1300	ug/L	0.090 JB	0.61 JB	0.11 JB	5.0 U	0.071 JB	0.090 JB	0.27 JB	0.34 JB	0.71 JB	0.38 JB
Total Xylenes	NS	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.95 J	1.31 J
trans-1,2-Dichloroethene	590	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	0.34	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	1	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Trichlorofluoromethane	NS	ug/L	3.8 JB	5.0 U	5.0 U	0.11 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	0.082	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Total Conc	NS	ug/L	82.329	2.391	5.432	2.688	3.171	1.07	7.64	13.551	45.544	9.953
Total Estimated Conc. (TICs)	NS	ug/L	103.0	60.0	59.0	61.0	58.0	57.0	60.0	60.0	58.0	58.0

**TABLE 2**  
**SAMPLE SUMMARY TABLE - SURFACE WATER**  
**ROLLING KNOOLLS LANDFILL SUPERFUND SITE**  
**CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-34 (120314) 20025732 12/03/2014 SW-34	Result Q	SW-SW-35 (120514) 20025782 12/05/2014 SW-35	Result Q	SW-SW-36 (120514) 20025782 12/05/2014 SW-36	Result Q	SW-SW-37 (120514) 20025782 12/05/2014 SW-37	Result Q	SW-DUP2-120514 20025782 12/05/2014 SW-37	Result Q	SW-SW-38 (120414) 20025782 12/04/2014 SW-38	Result Q	SW-SW-39 (120814) 20025816 12/08/2014 SW-39	Result Q	SW-SW-40 (120314) 20025732 12/03/2014 SW-40	Result Q	SW-SW-41 (120414) 20025782 12/04/2014 SW-41	Result Q	SW-SW-42 (120314) 20025732 12/03/2014 SW-42	Result Q			
<b>Semivolatile Organic Compounds</b>																									
1,1-Biphenyl	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
1,2,4,5-Tetrachlorobenzene	0.97	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,2'-Oxybis(1-Chloropropane)	1400	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,3,4,6-Tetrachlorophenol	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,4,5-Trichlorophenol	1800	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,4,6 Trichlorophenol	0.58	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,4-Dichlorophenol	77	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,4-Dimethylphenol	380	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,4-Dinitrophenol	69	ug/L	11 U		11 U		11 U		11 U		11 U		11 U		10 U		11 U		10 U		10 U		10 U		13 U
2,4-Dinitrotoluene	0.11	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2,6-Dinitrotoluene	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2-Chloronaphthalene	1000	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2-Chlorophenol	81	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2-Methylphenol	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
2-Nitroaniline	NS	ug/L	11 U		11 U		11 U		11 U		11 U		11 U		10 U		11 U		10 U		10 U		10 U		13 U
2-Nitrophenol	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
3,3'-Dichlorobenzidine	0.021	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
3-Nitroaniline	NS	ug/L	11 U		11 U		11 U		11 U		11 U		11 U		10 U		11 U		10 U		10 U		10 U		13 U
4,6-Dinitro-2-methylphenol	13	ug/L	11 U		11 U		11 U		11 U		11 U		11 U		10 U		11 U		10 U		10 U		10 U		13 U
4-Bromophenylphenyl Ether	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
4-Chloro-3-methylphenol	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
4-Chloroaniline	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
4-Chlorophenylphenyl ether	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
4-Methylphenol	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		0.95 J		5.2 U		5.2 U		5.2 U		6.3 U
4-Nitroaniline	NS	ug/L	11 U		11 U		11 U		11 U		11 U		11 U		10 U		11 U		10 U		10 U		10 U		13 U
4-Nitrophenol	NS	ug/L	11 U		11 U		11 U		11 U		11 U		11 U		10 U		11 U		10 U		10 U		10 U		13 U
Acetophenone	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
Atrazine	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
Benzaldehyde	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
Bis(2-Chloroethoxy) Methane	NS	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
Bis(2-Chloroethyl) Ether	0.03	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		6.3 U
Bis(2-ethyl hexyl) phthalate	1.2	ug/L	5.6 U		5.3 U		5.6 U		5.3 U		5.7 U		5.7 U		5.2 U		5.4 U		5.2 U		5.2 U		5.2 U		2.0 JB
Butylbenzylphthalate	150	ug/L	0.71 J		0.25 JB		5.6 U		5.3 U		5.7 U		0.50 JB		5.2 U		0.35 J		5.2 U		5.2 U		5.2 U		1.3 J
Caprolactam	NS	ug/L	5.6 U		5.3 U	</td																			

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**EXAMPLE SUMMARY TABLE - SURFACE WATER**  
**MONITORING KNOLLS LANDFILL SUPERFUND SITE**  
**CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-34 (120314) 20025732 12/03/2014 SW-34 Result	SW-SW-35 (120514) 20025782 12/05/2014 SW-35 Result	SW-SW-36 (120514) 20025782 12/05/2014 SW-36 Result	SW-SW-37 (120514) 20025782 12/05/2014 SW-37 Result	SW-DUP2-120514 20025782 12/04/2014 SW-37 Result	SW-SW-38 (120414) 20025816 12/04/2014 SW-38 Result	SW-SW-39 (120814) 20025816 12/08/2014 SW-39 Result	SW-SW-40 (120314) 20025732 12/03/2014 SW-40 Result	SW-SW-41 (120414) 20025782 12/04/2014 SW-41 Result	SW-SW-42 (120314) 20025732 12/03/2014 SW-42 Result
<b>SVOCs SIM</b>												
2-Methylnaphthalene	NS	ug/L	0.11 U	0.0041 J	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.058 J	0.0035 J	0.049 J
Acenaphthene	670	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.17
Acenaphthylene	NS	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.13 U
Anthracene	8300	ug/L	0.0068 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.13 U
Benzo(a)anthracene	0.038	ug/L	0.030 J	0.0058 J	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.15	0.10 U	0.13 U
Benzo(a)pyrene	0.0038	ug/L	<b>0.044 J</b>	<b>0.0071 J</b>	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	<b>0.26</b>	0.10 U	0.13 U
Benzo(b)fluoranthene	0.038	ug/L	<b>0.050 J</b>	0.0083 J	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	<b>0.26</b>	0.10 U	0.13 U
Benzo(g,h,i)perylene	NS	ug/L	0.031 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.26	0.10 U	0.13 U
Benzo(k)fluoranthene	0.38	ug/L	0.035 J	0.0063 J	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.20	0.10 U	0.13 U
Chrysene	3.8	ug/L	0.040 J	0.0075 J	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.17	0.10 U	0.0033 J
Dibenz(a,h)anthracene	0.0038	ug/L	<b>0.011 J</b>	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	<b>0.088 J</b>	0.10 U	0.13 U
Fluoranthene	130	ug/L	0.071 J	0.014 J	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.15	0.10 U	0.024 J
Fluorene	1100	ug/L	0.0032 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.11 U	0.10 U	0.093 J
Indeno(1,2,3-cd)pyrene	0.038	ug/L	0.031 J	0.11 U	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	<b>0.25</b>	0.10 U	0.13 U
Naphthalene	NS	ug/L	0.010 J	0.0094 JB	0.0077 JB	0.0054 JB	0.0046 JB	0.0067 JB	0.0040 J	0.044 J	0.038 JB	0.026 J
Pentachlorophenol	0.27	ug/L	0.22 U	0.21 U	0.22 U	0.21 U	0.23 U	0.23 U	0.0050 J	0.22 U	0.013 J	0.25 U
Phenanthrene	NS	ug/L	0.028 J	0.0097 J	0.0033 J	0.11 U	0.0048 J	0.0033 J	0.10 U	0.079 J	0.0039 J	0.049 J
Pyrene	830	ug/L	0.060 J	0.013 J	0.11 U	0.11 U	0.11 U	0.11 U	0.10 U	0.26	0.10 U	0.018 J
Total Conc	NS	ug/L	0.451	0.0852	0.011	0.0054	0.0094	0.01	0.009	2.229	0.0584	0.4323
<b>Polychlorinated Biphenyls</b>												
Aroclor-1016	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1221	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1232	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1242	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1248	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1254	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1260	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1262	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Aroclor-1268	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
Total PCBs	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.2 U	1.1 U	1.2 U	1.0 U	1.1 U	1.1 U	1.1 U
<b>Pesticides</b>												
2,4'-DDD	0.00031	ug/L	<b>0.0014 J</b>	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
2,4'-DDE	0.00022	ug/L	<b>0.0026 J P</b>	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
2,4'-DDT	0.00022	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
4,4'-DDD	0.00031	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
4,4'-DDE	0.00022	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
4,4'-DDT	0.00022	ug/L	0.11 U	0.11 U	<b>0.0020 J P</b>	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
Aldrin	0.000049	ug/L	0.055 U	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.052 U	0.055 U	0.056 U	0.055 U
alpha-BHC	0.0026	ug/L	0.055 U	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.0012 J P	0.0025 J P	0.056 U	0.055 U
alpha-Chlordane	0.0001	ug/L	<b>0.048 J P</b>	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.052 U	0.055 U	0.056 U	0.055 U
beta-BHC	0.0091	ug/L	0.055 U	0.0013 JP	0.056 U	0.058 U	0.056 U	0.061 U	0.0022 JP	0.055 U	0.056 U	0.0015 J
delta-BHC	0.95	ug/L	0.055 U	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.052 U	0.055 U	0.056 U	0.055 U
Dieldrin	0.000052	ug/L	<b>0.0027 J</b>	0.11 U	0.11 U	0.12 U	0.11 U	<b>0.0015 J</b>	<b>0.10 U</b>	<b>0.11 U</b>	0.11 U	0.11 U
Endosulfan I	62	ug/L	0.0043 JP	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.052 U	0.055 U	0.056 U	0.055 U
Endosulfan II	62	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
Endosulfan sulfate	62	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
Endrin	0.059	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
Endrin aldehyde	0.059	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
Endrin ketone	NS	ug/L	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	0.12 U	0.10 U	0.11 U	0.11 U	0.11 U
gamma-BHC (Lindane)	0.98	ug/L	0.055 U	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.0011 J P	0.0045 J P	0.0025 J P	0.055 U
gamma-Chlordane	0.0001	ug/L	<b>0.0017 J P</b>	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.052 U	0.055 U	0.056 U	<b>0.0039 J P</b>
Heptachlor	0.000079	ug/L	<b>0.0016 J P B</b>	<b>0.0019 J B</b>	<b>0.0011 J P B</b>	0.058 U	<b>0.0013 J P B</b>	<b>0.0019 J B</b>	0.052 U	<b>0.0017 J P B</b>	<b>0.0016 J B</b>	<b>0.0016 J P B</b>
Heptachlor epoxide	0.000039	ug/L	<b>0.0035 J P</b>	0.055 U	0.056 U	0.058 U	0.056 U	0.061 U	0.052 U	0.055 U	0.056 U	0.055 U
Methoxychlor	40	ug/L	0.55 U	0.55 U	0.0022 JP	0.58 U	0.56 U	0.61 U	0.52 U	0.55 U	0.56 U	0.55 U
Toxaphene	0.00028	ug/L	<b>5.5 U</b>	<b>5.5 U</b>	<b>5.6 U</b>	<b>5.8 U</b>	<b>5.6 U</b>	<b>6.1 U</b>	<b>5.2 U</b>	<b>5.5 U</b>	<b>5.6 U</b>	<b>5.5 U</b>

**TABLE 2**  
**PLE SUMMARY TABLE - SURFACE WATER  
 LING KNOLLS LANDFILL SUPERFUND SITE  
 CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-34 (120314) 20025732 12/03/2014 SW-34 Result Q	SW-SW-35 (120514) 20025782 12/05/2014 SW-35 Result Q	SW-SW-36 (120514) 20025782 12/05/2014 SW-36 Result Q	SW-SW-37 (120514) 20025782 12/05/2014 SW-37 Result Q	SW-DUP2-120514 20025782 12/04/2014 SW-38 Result Q	SW-SW-38 (120414) 20025782 12/04/2014 SW-39 Result Q	SW-SW-39 (120814) 20025816 12/08/2014 SW-40 Result Q	SW-SW-40 (120314) 20025732 12/03/2014 SW-41 Result Q	SW-SW-41 (120414) 20025782 12/04/2014 SW-42 Result Q	SW-SW-42 (120314) 20025732 12/03/2014
<b>Inorganics (total)</b>												
Aluminum	NS	ug/L	1220	493	38.7 J	139 J	135 J	36.1 J	200 U	356	43.3 J	27.4 J
Antimony	5.6	ug/L	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U
Arsenic	0.017	ug/L	5.1 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Barium	2,000	ug/L	114 J	154 J	101 J	186 J	210	274	131 J	42.9 J	98.1 J	347
Beryllium	6	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium*(Data Gap Sampling)	0.17	ug/L	0.74 J	0.49 J	0.38 J	5.0 U	5.0 U	0.47 J	0.42 J	5.0 U	1.1 J	1.3 J
Calcium	NS	ug/L	47900	57000	49700	84200	92800	71200	41100 E	69400	51000	35900
Chromium*(Data Gap Sampling)	51	ug/L	2.4 J	0.71 J	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	0.65 J	10.0 U	10.0 U
Cobalt	NS	ug/L	1.6 J	1.8 J	50.0 U	50.0 U	50.0 U	50.0 U	7.4 J	2.2 J	1.3 J	1.5 J
Copper*(Data Gap Sampling)	5.4	ug/L	15.5 J	3.6 J	25.0 U	3.3 J	3.9 J	8.8 J	11.2 J	2.6 J	6.0 J	10.7 J
Cyanide	5.2	ug/L	1.8 J	10.0 U	10.0 U	10.0 U	1.7 J	10.0 U	15.1	10.0 U	10.0 U	3.0 J
Iron	NS	ug/L	3850	5110	656	1150	1110	3340	8490	5380	2720	74600
Lead	5	ug/L	16.6	10.8	10.0 U	10.0 U	10.0 U	10.0 U	6.2 J	14.6	10.0 U	6.0 J
Magnesium	NS	ug/L	10800	7650	6890	7570	8350	6520	5240 E	9240	9220	3520 J
Manganese	NS	ug/L	90.6	178	26.2	67.2	69.1	145	667 E	445	211	563
Mercury	0.05	ug/L	0.18 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.19 J	0.20 U	0.20 U	0.20 U
Mercury (low-level)	0.05	ug/L	0.0493	0.0279	0.0024	0.0074	0.0071	0.0473	0.0082	0.0059	0.0058	0.0678
Nickel*(Data Gap Sampling)	30.5	ug/L	10.6 J	3.9 J	1.4 J	3.0 J	3.7 J	5.5 J	7.4 J	40.0 U	6.0 J	7.5 J
Potassium	NS	ug/L	13100	4960 J	4500 J	3920 J	4320 J	2480 J	12100	6990	9920	3060 J
Selenium	170	ug/L	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U
Silver	170	ug/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Sodium	NS	ug/L	8720	9330	8480	8380	9110	8190	7950 E	9440	9690	7210
Thallium	0.24	ug/L	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	25.0 U	4.1 J
Vanadium	NS	ug/L	3.8 J	3.7 J	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Zinc*(Data Gap Sampling)	70	ug/L	543	109	6.8 J	15.9 J	14.6 J	102	641	12.7 J	410	150
<b>Inorganics (dissolved)</b>												
Aluminum	NS	ug/L	48.1 J	40.5 J	41.1 J	59.9 J	56.1 J	46.0 J	200 U	33.6 J	48.2 J	200 U
Antimony	5.6	ug/L	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U	60.0 U
Arsenic	0.017	ug/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Barium	2,000	ug/L	99.1 J	90.8 J	96.2 J	184 J	202	268	106 J	38.3 J	86.4 J	251
Beryllium	6	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium*(Data Gap Sampling)	0.11	ug/L	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.51 J	5.0 U
Calcium	NS	ug/L	52300	46000	50400	86600	93100	71800	35000 E	62100	48400	36500
Chromium*(Data Gap Sampling)	14.2	ug/L	10.0 U	0.54 J	10.0 U	10.0 U	0.52 J	10.0 U	0.61 J	10.0 U	10.0 U	10.0 U
Cobalt	NS	ug/L	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	6.3 J	1.2 J	50.0 U	50.0 U
Copper*(Data Gap Sampling)	4.9	ug/L	6.6 J	25.0 U	25.0 U	2.5 J	2.4 J	5.4 J	7.6 J	1.5 J	5.2 J	25.0 U
Cyanide	5.2	ug/L	10.0 U	1.8 J	10.0 U	5.3 J	10.0 U	10.0 U	10.0 U	10.0 U	3.5 J	10.0 U
Iron	NS	ug/L	593	868	461	329	360	100 U	5070	1190	1040	100
Lead	5	ug/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	2.8 J	10.0 U	10.0 U	10.0 U
Magnesium	NS	ug/L	11800	6350	6990	7700	8330	6520	4450 J E	8410	8610	3690 J
Manganese	NS	ug/L	40.8	63.9	21.2	45.6	50.1	143	580 E	339	108	540
Mercury	0.05	ug/L	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel*(Data Gap Sampling)	25.8	ug/L	5.8 J	40.0 U	40.0 U	3.1 J	3.5 J	5.7 J	6.2 J	40.0 U	5.2 J	3.6 J
Potassium	NS	ug/L	14400	4160 J	4580 J	3970 J	4330 J	2470 J	10200	6230	9520	3100 J
Selenium	170	ug/L	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U	35.0 U
Silver	170	ug/L	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Sodium	NS	ug/L	9640	8030	8710	8390	9050	9650	6800 E	8520	9410	7530
Thallium	0.24	ug/L	25.0 U	2.4 J	25.0 U	2.7 J	25.0 U	2.5 J	2.2 J	25.0 U	25.0 U	2.9 J
Vanadium	NS	ug/L	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U	50.0 U
Zinc*(Data Gap Sampling)	66.5	ug/L	398	6.0 J	5.3 J	8.7 J	9.0 J	82.0	445	5.0 J	349	62.0
<b>Miscellaneous</b>												
Hardness as calcium carbonate	NS	mg/L	185	169	183	266	274	227	102	197	146	104

**TABLE 2**  
**SAMPLE SUMMARY TABLE - SURFACE WATER**  
**ROLLING KNOllS LANDFILL SUPERFUND SITE**  
**CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-43 (120814) 20025816 12/08/2014 SW-43	Result      Q	SW-SW-44 (120414) 20025782 12/04/2014 SW-44	Result      Q	SD-EB1-120514 20025782 12/05/2014	SD-EB1-120814 20025816 12/08/2014	SW-TB1-120314 20025732 12/03/2014	SD-TB1-120414 20025782 12/04/2014	TRIP BLANK	SD-TB2-120514 20025782 12/05/2014	SD-TB2-120814 20025816 12/08/2014	
<b>Volatile Organic Compounds</b>														
1,1,1-Trichloroethane	120	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1,2,2-Tetrachloroethane	4.7	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1,2-Trichloro-1,2,2-trifluoroethane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1,2-Trichloroethane	13	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1-Dichloroethane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,1-Dichloroethene	4.7	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2,3-Trichlorobenzene	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2,4-Trichlorobenzene	21	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dibromo-3-chloropropane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dibromoethane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dichlorobenzene	2000	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dichloroethane	0.29	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,2-Dichloropropane	0.5	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,3-Dichlorobenzene	2200	ug/L	5.0 U		5.0 U	0.051 JB		5.0 U		5.0 U		5.0 U	0.033 JB	5.0 U
1,4-Dichlorobenzene	550	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	
1,4-Dioxane	NS	ug/L	100 U		100 U		100 U		100 U		100 U		100 U	100 U
2-Butanone	NS	ug/L	10 U		10 U		10 U		10 U		10 U		10 U	10 U
2-Hexanone	NS	ug/L	10 U		10 U		10 U		10 U		10 U		10 U	10 U
4-Methyl-2-pentanone	NS	ug/L	10 U		10 U		10 U		10 U		10 U		10 U	10 U
Acetone	NS	ug/L	5.1 J		10 U		10 U		10 U		10 U	3.4 J	2.4 J	10 U
Benzene	0.15	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Bromochloromethane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Bromodichloromethane	0.55	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Bromoform	4.3	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Bromomethane	47	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Carbon Disulfide	NS	ug/L	0.14 J	0.13 JB		0.13 JB		0.14 JB		5.0 U	5.0 U	0.11 JB	0.14 JB	0.12 JB
Carbon Tetrachloride	0.33	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Chlorobenzene	210	ug/L	5.0 U		5.0 U		5.0 U	0.096 JB		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chloroethane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Chloroform	68	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Chloromethane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
cis-1,2-Dichloroethene	590	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
cis-1,3-Dichloropropene	0.34	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Cyclohexane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Dibromochloromethane	0.4	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Dichlorodifluoromethane	NS	ug/L	5.0 U		5.0 U	0.30 JB		5.0 U		5.0 U		5.0 U	0.37 JB	5.0 U
Ethylbenzene	530	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Isopropylbenzene	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
m,p-Xylene	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Methyl Acetate	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Methyl tert-Butyl Ether	70	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Methylcyclohexane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Methylene Chloride	2.5	ug/L	1.1 J	1.2 JB		1.3 JB		3.1 JB		1.4 JB	1.1 JB	1.1 JB	1.2 JB	1.5 JB
o-Xylene	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Styrene	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Tetrachloroethene	0.34	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Toluene	1300	ug/L	5.0 U	0.28 JB		5.0 U	0.057 JB		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.19 JB
Total Xylenes	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
trans-1,2-Dichloroethene	590	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
trans-1,3-Dichloropropene	0.34	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Trichloroethene	1	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	0.45 J
Trichlorofluoromethane	NS	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Vinyl Chloride	0.082	ug/L	5.0 U		5.0 U		5.0 U		5.0 U		5.0 U	5.0 U	5.0 U	5.0 U
Total Conc	NS	ug/L	6.34	1.61		1.781		3.393		1.4	1.1	4.61	4.143	2.26
Total Estimated Conc. (TICs)	NS	ug/L	58.0	57.0		57.0		60.0		58.0	59.0	59.0	59.0	58.0

**TABLE 2**  
**SAMPLE SUMMARY TABLE - SURFACE WATER**  
**ROLLING KNOllS LANDFILL SUPERFUND SITE**  
**CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-43 (120814) 20025816 12/08/2014 SW-43	Result      Q	SW-SW-44 (120414) 20025782 12/04/2014 SW-44	Result      Q	SD-EB1-120514 20025782 12/05/2014	SD-EB1-120814 20025816 12/08/2014	SW-TB1-120314 20025732 12/03/2014	SD-TB1-120414 20025782 12/04/2014	TRIP BLANK	SD-TB2-120514 20025782 12/05/2014	SD-TB2-120814 20025816 12/08/2014	
<b>Semivolatile Organic Compounds</b>														
1,1-Biphenyl	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4,5-Tetrachlorobenzene	0.97	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,2'-Oxybis(1-Chloropropane)	1400	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,3,4,6-Tetrachlorophenol	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	1800	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6 Trichlorophenol	0.58	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	77	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	380	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	69	ug/L	11 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	0.11	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	1000	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	81	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	NS	ug/L	11 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.021	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	NS	ug/L	11 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	13	ug/L	11 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenylphenyl Ether	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenyl ether	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Methylphenol	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	NS	ug/L	11 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	NS	ug/L	11 U	11 U	10 U	11 U	NA	NA	NA	NA	NA	NA	NA	NA
Acetophenone	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Atrazine	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzaldehyde	NS	ug/L	5.3 U	0.14 J	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethoxy) Methane	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-Chloroethyl) Ether	0.03	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Bis(2-ethyl hexyl) phthalate	1.2	ug/L	5.3 U	0.66 JB	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	150	ug/L	5.3 U	0.37 JB	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Caprolactam	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Carbazole	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Diethyl phthalate	17000	ug/L	5.3 U	0.72 JB	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Dimethyl phthalate	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butyl phthalate	2000	ug/L	5.3 U	0.21 J	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octyl phthalate	NS	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	0.00028	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobutadiene	0.44	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	40	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	1.4	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	35	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	17	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	0.005	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	3.3	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	10000	ug/L	5.3 U	5.3 U	5.2 U	5.6 U	NA	NA	NA	NA	NA	NA	NA	NA
Total Conc.	NS	ug/L	0.0	2.1	0.0	0.0	NA	NA	NA	NA	NA	NA	NA	NA
Total Estimated Conc. (TICs)	NS	ug/L	26.1	42.8	0.0*T	360	NA	NA	NA	NA	NA	NA	NA	NA

**TABLE 2**  
**SAMPLE SUMMARY TABLE - SURFACE WATER**  
**ROLLING KNOLLS LANDFILL SUPERFUND SITE**  
**CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-43 (120814) 20025816 12/08/2014 SW-43	Result      Q	SW-SW-44 (120414) 20025782 12/04/2014 SW-44	Result      Q	SD-EB1-120514 20025782 12/05/2014	SD-EB1-120814 20025816 12/08/2014	SW-TB1-120314 20025732 12/03/2014	SD-TB1-120414 20025782 12/04/2014	TRIP BLANK	SD-TB2-120514 20025782 12/05/2014	SD-TB2-120814 20025816 12/08/2014	
<b>SVOCs SIM</b>														
2-Methylnaphthalene	NS	ug/L	0.11 U	0.0047 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	670	ug/L	0.11 U	0.011 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	NS	ug/L	0.11 U	0.0032 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	8300	ug/L	0.11 U	0.11 U	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	0.038	ug/L	0.11 U	0.11 U	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	0.0038	ug/L	0.11 U	0.11 U	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	0.038	ug/L	0.11 U	0.0031 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	NS	ug/L	0.0039 J	0.11 U	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	0.38	ug/L	0.11 U	0.11 U	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	3.8	ug/L	0.11 U	0.0036 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	0.0038	ug/L	0.11 U	0.11 U	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	130	ug/L	0.0030 J	0.0069 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	1100	ug/L	0.11 U	0.016 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.038	ug/L	0.0033 J	0.11 U	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	NS	ug/L	0.0048 J	0.085 JB	0.0030 J	0.0039 J	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	0.27	ug/L	0.21 U	0.21 U	0.21 U	0.22 U	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NS	ug/L	0.0061 J	0.0092 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	830	ug/L	0.11 U	0.0049 J	0.10 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Total Conc	NS	ug/L	0.0211	0.1476	0.003	0.0039	NA	NA	NA	NA	NA	NA	NA	NA
<b>Polychlorinated Biphenyls</b>														
Aroclor-1016	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1221	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1254	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1260	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1262	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	0.000064	ug/L	1.1 U	1.1 U	1.1 U	1.1 U	NA	NA	NA	NA	NA	NA	NA	NA
<b>Pesticides</b>														
2,4'-DDD	0.00031	ug/L	0.11 U	<b>0.0011 J</b>	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4'-DDE	0.00022	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
2,4'-DDT	0.00022	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDD	0.00031	ug/L	<b>0.0016 J</b>	<b>0.0017 J</b>	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDE	0.00022	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
4,4'-DDT	0.00022	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Aldrin	0.000049	ug/L	0.055 U	0.055 U	0.055 U	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	0.0026	ug/L	0.055 U	0.055 U	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA	NA
alpha-Chlordane	0.0001	ug/L	0.055 U	0.055 U	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA	NA
beta-BHC	0.0091	ug/L	0.055 U	0.055 U	0.0019 JP	0.0015 JP	NA	NA	NA	NA	NA	NA	NA	NA
delta-BHC	0.95	ug/L	0.055 U	0.0022 JP	0.055 U	0.0013 J	NA	NA	NA	NA	NA	NA	NA	NA
Dieldrin	0.000052	ug/L	0.11 U	<b>0.0014 J</b>	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan I	62	ug/L	0.055 U	0.055 U	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan II	62	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Endosulfan sulfate	62	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Endrin	0.059	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Endrin aldehyde	0.059	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
Endrin ketone	NS	ug/L	0.11 U	0.11 U	0.11 U	0.11 U	NA	NA	NA	NA	NA	NA	NA	NA
gamma-BHC (Lindane)	0.98	ug/L	0.055 U	0.055 U	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA	NA
gamma-Chlordane	0.0001	ug/L	0.055 U	<b>0.0020 J</b>	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor	0.000079	ug/L	0.055 U	0.055 U	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA	NA
Heptachlor epoxide	0.000039	ug/L	0.055 U	0.055 U	0.055 U	0.054 U	NA	NA	NA	NA	NA	NA	NA	NA
Methoxychlor	40	ug/L	0.55 U											

**TABLE 2**  
**SAMPLE SUMMARY TABLE - SURFACE WATER**  
**ROLLING KNOLLS LANDFILL SUPERFUND SITE**  
**CHATHAM, NEW JERSEY**

Sample Name: TestAmerica Job ID Number: Date Collected: Location ID:	NJDEP SWQC (ug/L)	Units	SW-SW-43 (120814) 20025816 12/08/2014 SW-43	Result      Q	SW-SW-44 (120414) 20025782 12/04/2014 SW-44	Result      Q	SD-EB1-120514 20025782 12/05/2014	SD-EB1-120814 20025816 12/08/2014	SW-TB1-120314 20025732 12/03/2014	SD-TB1-120414 20025782 12/04/2014	TRIP BLANK	SD-TB2-120514 20025782 12/05/2014	SD-TB2-120814 20025816 12/08/2014	
<b>Inorganics (total)</b>														
Aluminum	NS	ug/L	205	150 J	200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	5.6	ug/L	60.0 U	60.0 U	60.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.017	ug/L	10.0 U	10.0 U	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000	ug/L	20.8 J	661	200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	6	ug/L	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium*(Data Gap Sampling)	0.17	ug/L	5.0 U	0.66 J	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	ug/L	17600 E	99000	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium*(Data Gap Sampling)	51	ug/L	10.0 U	0.70 J	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NS	ug/L	50.0 U	2.1 J	50.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper*(Data Gap Sampling)	5.4	ug/L	25.0 U	12.0 J	25.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	5.2	ug/L	10.0 U	5.1 J	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NS	ug/L	409	39200	100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	ug/L	27.6	10.1	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	ug/L	2470 J E	8200	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NS	ug/L	152 E	416	15.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.05	ug/L	0.13 J	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury (low-level)	0.05	ug/L	0.00013	0.284	NA	0.0005	NA	NA	NA	NA	NA	NA	NA	NA
Nickel*(Data Gap Sampling)	30.5	ug/L	40.0 U	17.9 J	40.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	ug/L	2260 J	3110 J	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	170	ug/L	35.0 U	35.0 U	35.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	170	ug/L	10.0 U	10.0 U	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NS	ug/L	1910 J E	6480	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.24	ug/L	25.0 U	2.7 J	25.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NS	ug/L	50.0 U	50.0 U	50.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc*(Data Gap Sampling)	70	ug/L	24.0 J	118	60.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Inorganics (dissolved)</b>														
Aluminum	NS	ug/L	92.8 J	38.3 J	200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	5.6	ug/L	60.0 U	60.0 U	60.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	0.017	ug/L	10.0 U	10.0 U	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000	ug/L	18.7 J	398	200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	6	ug/L	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium*(Data Gap Sampling)	0.11	ug/L	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium	NS	ug/L	17500 E	81400	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium*(Data Gap Sampling)	14.2	ug/L	0.76 J	10.0 U	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	NS	ug/L	50.0 U	1.3 J	50.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper*(Data Gap Sampling)	4.9	ug/L	25.0 U	25.0 U	25.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide	5.2	ug/L	10.0 U	10.0 U	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	NS	ug/L	189	100 U	100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	5	ug/L	6.0 J	10.0 U	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Magnesium	NS	ug/L	2450 J E	6820	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	NS	ug/L	135 E	306	15.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.05	ug/L	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel*(Data Gap Sampling)	25.8	ug/L	40.0 U	9.9 J	40.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium	NS	ug/L	2290 J	2620 J	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	170	ug/L	35.0 U	35.0 U	35.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	170	ug/L	10.0 U	10.0 U	10.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	NS	ug/L	2180 J E	5580	5000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	0.24	ug/L	3.7 J	25.0 U	2.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	NS	ug/L	50.0 U	50.0 U	50.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc*(Data Gap Sampling)	66.5	ug/L	34.0 J	7.0 J	60.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
<b>Miscellaneous</b>														
Hardness as calcium carbonate	NS	mg/L	53.2	246	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 2  
SAMPLE SUMMARY TABLE - SURFACE WATER  
ROLLING KNOLLS LANDFILL SUPERFUND SITE  
CHATHAM, NEW JERSEY

Abbreviations:

DUP = duplicate sample  
EB = equipment blank  
NA = not analyzed  
NJ SWQC = New Jersey Surface Water Quality Criteria  
NS = no standard  
PCBs = polychlorinated biphenyls  
TB = trip blank  
ug/L = micrograms per liter

Data Qualifiers:

B = The compound has been found in the sample as well as its associated blank.  
P = Dual column analysis resulted in greater than 25% difference for detected concentrations between the two columns.  
\*T = There are no TICs reported.  
U = The compound was analyzed for but not detected.  
\* = The surrogate exceeds the control limit.

Organics:

J = The compound was positively identified; however, the associated numerical value is an estimated concentration only.

Inorganics:

J = The sample result is greater than the MDL but below the CRDL.

Notes:

1. Analytical data presented in this table have not been validated and reduced.
2. NJ SWQC were obtained from N.J.A.C. 7:9B Surface Water Quality Standards, dated April 4, 2011, and reflect the minimum available freshwater criteria protective of human health or aquatic organisms. Bold values indicate detected concentrations greater than the NJ SWQC. Italicized values indicate non detected concentrations greater than the NJ SWQC.
3. The following surrogates were used:  
1,3-dichloropropene (total) used for cis-1,3-dichloropropene, trans-1,3-dichloropropene (NJ SWQC)  
4,4'-DDD, 4,4'-DDE and 4,4'-DDT for 2,4'-DDD, 2,4'-DDE and 2,4'-DDT, respectively (NJ SWQC,  
chlordane for alpha-chlordane and gamma-chlordane (NJ SWQC)  
endosulfans - endosulfan I and endosulfan II (NJ SWQC)  
gamma-BHC for delta-BHC (NJ SWQC)  
total PCBs for individual Aroclors (NJ SWQC)  
trans-1,2-dichloroethene for cis-1,2-dichloroethene (NJ SWQC)
4. Total xylenes calculated as the sum of o-xylene and m,p-xylene using only detected or estimated values.
5. Total PCBs calculated as the sum of Aroclors using only detected or estimated values.